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——, Bui T, Watanabe L. An evaluation of sealing ability of calcium hydroxide sealers. 1989;68:88-92
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Caplan CM. American Academy of Oral Medicine holds annual meeting. 1989;68:158
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Dinardo NM, Christian JM, Bennett JA, Shutack JG. Cleft palate lateral synechia syndrome: review of the literature and case report. 1989;68:565-6

*July, pp. 1-124; August, pp. 125-246; September, pp. 247-368; October, pp. 369-534; November, pp. 535-672; December, pp. 673-816.

Dolowy WC, Lind JC. Stereoscopic dental radiography: a practical dental office procedure (technique tip). 1989;68:367 (Radiology forum)
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Eversole LR. Proceedings of the 43rd Annual Meeting of the American Academy of Oral Pathology. 1989;68:586-90

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Gallina G, Cumbo V, Messina P, Caprera V, Lio D, Caruso C. Lack of correlation between HLA-B35 resistance against herpes labialis and antibody titers to HSV-1. 1989;68:167-70
Gao Z, Shi J, Wang Y, Gu F. Scanning electron microscopic investigation of maxillary lateral incisors with a radicular lingual groove. 1989;68:462-6
Garcia RI, Chauncey HH. The eruption of third molars in adults: a 10-year longitudinal study. 1989;68:9-13
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——, Sickles EA, Graff-Radford SB, Solberg WK. Electronic thermography in the diagnosis of atypical odontalgia: a pilot study. 1989;68:472-81
——, White SC, Sickles EA. A subjective study of dental diagnostic utility comparing xeroradiography and film radiography. 1989;68:653-60
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——, Lieberman JM, Picard U, Smith A, Indresano AT. Use of three-dimensional computerized tomography in the diagnosis of an obstructed coronoid process. 1989;68:793-6
Hauman CHJ, Raubenheimer EJ. Orofacial mucormycosis. 1989;68:624-7
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Heimdahl A, Mattsson T, Dahllöf G, Lönnquist B, Ringdén O. The oral cavity as a port of entry for early infections in patients treated with bone marrow transplantation. 1989;68:711-6
Helseth DL Jr, Tolwin TM, Kaminski EJ, Osetek EM. Incomplete polymerization of Cavalite with the use of recommended photopolymerization times: a warning of possible cytotoxic effects. 1989;68:223-5
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Herzog S, Fiese R. Persistent foramen of Huschke: possible risk factor for otologic complications after arthroscopy of the temporomandibular joint. 1989;68:267-70
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Lam EWN, Hannam AG, Wood WW, Fache JS, Watanabe M. Imaging orofacial tissues by magnetic resonance. 1989;68:2-8
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Lamey P-J (*see* Lewis et al). 1989;68:571-5
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Lewis MAO, Lamey P-J, Gibson J. Quantitative bacteriology of a case of acute parotitis. 1989;68:571-5
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Lieblich S. Episodic supersalivation (idiopathic paroxysmal sialorrhea): description of a new clinical syndrome. 1989;68:159-61
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Lovas JGL, Harsanyi BB, ElGeneidy AK. Oral lichenoid dysplasia: a clinicopathologic analysis. 1989;68:57-63
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Maeda H, Kameyama Y, Nakane S, Takehana S, Sato E. Epithelial dysplasia produced by carcinogen pretreatment and subsequent wounding. 1989;68:50-6
Mahan PE (*see* Loughner et al). 1989;68:14-22
Makek M, Franklin DJ, Fisch U. Preauricular pilomatrixoma: a diagnostic pitfall. 1989;68:451-4
Malcolm AJ (*see* Carmichael et al). 1989;68:558-62
Malden NJ (*see* Clark and Malden). 1989;68:563-4
Manisali Y, Yücel T, Erişen R. Overfilling of the root: a case report. 1989;68:773-5
Mann J, Pettigrew JC, Revach A, Arwas JR, Kochavi D. Assessment of the DMF-S index with the use of bitewing radiographs. 1989;68:661-5
Marcsik A (*see* Kocsis and Marcsik). 1989;68:644-5
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Marin IM (*see* Sedano et al). 1989;68:300-11
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Marshall SG. The combined use of endosseous dental implants and collagen/hydroxylapatite augmentation procedures for reconstruction/augmentation of the edentulous and atrophic mandible: a preliminary report. 1989;68:517-26
Marunick MT, Leveque F. Osteoradionecrosis related to mastication and parafunction. 1989;68:582-5
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Matteson SR, Phillips C, Kantor ML, Leinedecker T. The effect of lesion size, restorative material, and film speed on the detection of recurrent caries. 1989;68:232-7
—— (*see* Mauriello et al). 1989;68:108-14
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Maximiw WC (*see* Birek et al). 1989;68:612-7
Maxson BB, Scott RF, Headington JT. Management of oral squamous cell carcinoma in situ with topical 5-fluorouracil and laser surgery. 1989;68:44-8
May OA Jr, Contreras JA. Radiology of alveolar complications associated with dental extractions. 1989;68:243-5 (Radiology forum)
McBride BC (*see* Epstein et al). 1989;68:401-5
McCormick SA (*see* McCormick et al). 1989;68:555-7
McCormick SU, McCormick SA, Graves RW, Pifer RG. Bilateral bifid mandibular condyles: report of three cases. 1989;68:555-7
McDavid WD (*see* Skoczylas et al). 1989;68:776-81
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Mehlisch DR. Collagen/hydroxylapatite implant for augmenting deficient alveolar ridges: a 24-month clinical and histologic summary. 1989;68:505-16
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Melnick SL, Engel D, Truelove E, DeRouen T, Morton T, Schubert M, Dunphy C, Wood RW. Oral mucosal lesions: association with the presence of antibodies to the human immunodeficiency virus. 1989;68:37-43
Merritt R, Burns JC. The soft laser: Therapeutic tool or popular placebo? 1989;68:271 (Letter)
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Oh JS, Paik D-I, Christensen R, Akoto-Amanfu E, Kim K, Park N-H. Herpes simplex virus enhances the 7,12-dimethylbenz *[a]* anthracene (DMBA)–induced carcinogenesis and amplification and overexpression of c-erb-B-1 proto-oncogene in hamster buccal pouch epithelium. 1989;68:428-35
——, ——, Park N-H. Effect of smoked tobacco tar on the growth, cytolytic action, DNA synthesis, and gene expression of herpes simplex virus. 1989;68:189-94
Ohkubo T, Hernandez JC, Ooya K, Krutchkoff DJ. "Aggressive" osteoblastoma of the maxilla. 1989;68:69-73
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Radiology forum. 1989;68:121-3, 243-5, 365-7, 493, 670-1, 797
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The eruption of third molars in adults: a 10-year longitudinal study (Garcia and Chauncey). 1989;68:9-13
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